

## ABSTRACT

In order to realize a numerical expression retrieving device which permits a user to retrieve a numerical expression without caring about a case where the numerical expression is shortened to a prefix only, the numerical expression retrieving device of the present invention comprises input means for inputting any document to-be-retrieved or any numerical expression to-be-retrieved; syntactic parsing means for parsing the syntactic structure of the inputted document or numerical expression; an attribute dictionary which stores attribute information and unit system information therein, the attribute information including attribute names indicative of attributes, attribute contents indicative of the meanings of the attributes, and basic units for supplementing omitted representations, the unit system information including prefixes for deciding the incomplete or shortened numerical expressions, and multiples indicative of the meanings of the prefixes; a co-occurrence word dictionary which stores therein information including attribute names indicative of attributes, and co-occurrence words for deciding the attribute names; and omission completion means for supplementing the basic unit to the prefix of the inputted document or numerical expression by referring to the parsed syntactic structure and the attribute dictionary or by further referring to the co-occurrence word dictionary, thereby to complete the

incomplete or shortened numerical expression.